

**APPARATUS AND METHOD FOR  
FILTERING A SIGNAL**

**ABSTRACT OF THE DISCLOSURE**

A method, system, and computer program are provided for filtering a signal. The method, system, and computer program receive a sample of a signal being filtered and identify a bias associated with the sample. The bias includes a cushion and an increment. The method, system, and computer program also output an expected value for a prior sample of the signal being filtered combined with a portion of the bias. The portion of the bias is based at least partially on a size of the cushion.